

In re application of NOVIK ET AL.  
Serial No. 09/517,895

during a tree traversal, and the first node selectively branches to one of the leaf nodes thereunder based on an evaluation of actual event data to obtain first query information therefrom, and wherein the second node is branched to by the OR node during a tree traversal, and the second node selectively branches to one of the leaf nodes thereunder based on an evaluation of actual event data to obtain second query information therefrom.

20. (original): The computer-readable medium having stored thereon the data structure claim 19 wherein the first child node includes a plurality of data points.

— 21. (currently amended): A computer-readable medium having stored thereon a data structure, comprising:

a parent node having an boolean operator;

at least two nodes that are children of the parent node, each of the

5 — children having an event parameter, and each of the children being constructed from a merger of child nodes of two or more event filtering trees when such child nodes may be successfully combined and being constructed from each child node of the event filtering trees when such child nodes cannot be successfully combined; and

10 — at least two leaf node for each of the children, the leaf node having a

11 — boolean value.